

Title (en)

MNK KINASE HOMOLOGOUS PROTEINS INVOLVED IN THE REGULATION OF ENERGY HOMEOSTASIS

Title (de)

MNK-KINASE-HOMOLOGE PROTEINE, DIE AN DER REGULIERUNG DER ENERGIEHOMÖOSTASE BETEILIGT SIND

Title (fr)

PROTEINES HOMOLOGUES DE MNK KINASE IMPLIQUEES DANS LA REGULATION DE L'HOMEOSTASE ENERGETIQUE

Publication

EP 1439863 A2 20040728 (EN)

Application

EP 02802306 A 20021029

Priority

- EP 02802306 A 20021029
- EP 0212075 W 20021029
- EP 01125812 A 20011029
- EP 02011073 A 20020517

Abstract (en)

[origin: WO03037362A2] The present invention discloses Mnk homologous proteins regulating the energy homeostasis, the metabolism of triglycerides, and/or is contributing to membrane stability and/or function of organelles, and polynucleotides, which identify and encode the proteins disclosed in this invention. The invention also relates to the use of these sequences in the diagnosis, study, prevention, and treatment of diseases and disorders related to body-weight regulation and thermogenesis, for example, but not limited to, metabolic diseases such as obesity, as well as related disorders such as eating disorder, cachexia, diabetes mellitus, hypertension, coronary heart disease, hypercholesterolemia, dyslipidemia, osteoarthritis, gallstones, and sleep apnea, and disorders related to ROS defence, such as diabetes mellitus, neurodegenerative disorders, and cancer, e.g. cancers of the reproductive organs, and others.

IPC 1-7

A61K 48/00; **A61K 38/45**; **A01K 67/027**; **G01N 33/50**; **A61K 31/553**; **A61K 31/519**; **A61P 3/00**

IPC 8 full level

A01K 67/027 (2006.01); **A61K 31/519** (2006.01); **A61K 31/553** (2006.01); **A61K 38/45** (2006.01); **A61K 39/395** (2006.01); **A61K 48/00** (2006.01); **A61P 1/16** (2006.01); **A61P 3/00** (2006.01); **A61P 3/04** (2006.01); **A61P 3/06** (2006.01); **A61P 3/10** (2006.01); **A61P 7/00** (2006.01); **A61P 9/10** (2006.01); **A61P 9/12** (2006.01); **A61P 11/00** (2006.01); **A61P 19/02** (2006.01); **A61P 25/18** (2006.01); **A61P 25/28** (2006.01); **A61P 35/00** (2006.01); **A61P 39/06** (2006.01); **C12N 5/10** (2006.01); **C12N 9/12** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/48** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP US)

A61K 38/45 (2013.01 - EP US); **A61P 1/16** (2017.12 - EP); **A61P 1/18** (2017.12 - EP); **A61P 3/00** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 39/06** (2017.12 - EP); **C12N 9/1205** (2013.01 - EP US)

Citation (search report)

See references of WO 03037362A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03037362 A2 20030508; **WO 03037362 A3 20031224**; AT E494912 T1 20110115; AU 2002363175 A1 20030512; DE 10294485 T5 20040429; DE 60238929 D1 20110224; DK 1439863 T3 20110314; EP 1439863 A2 20040728; EP 1439863 B1 20110112; EP 2277552 A1 20110126; JP 2005508170 A 20050331; JP 2010119398 A 20100603; JP 4518378 B2 20100804; JP 5185962 B2 20130417; US 2005080026 A1 20050414; US 2009170095 A1 20090702; US 2012045451 A1 20120223; US 2012045452 A1 20120223; US 8076098 B2 20111213; US 8828934 B2 20140909; US 8957020 B2 20150217

DOCDB simple family (application)

EP 0212075 W 20021029; AT 02802306 T 20021029; AU 2002363175 A 20021029; DE 10294485 T 20021029; DE 60238929 T 20021029; DK 02802306 T 20021029; EP 02802306 A 20021029; EP 10178471 A 20021029; JP 2003539705 A 20021029; JP 2010056183 A 20100312; US 17430108 A 20080716; US 201113245113 A 20110926; US 201113245188 A 20110926; US 49401004 A 20040812